

AMENDMENTS TO THE CLAIMS

Please cancel claims 2, 4, 5 and 10, amend claims 1, 3 and 6-9, and add new claims 34-39.

No new matter is believed to be introduced as a result of the foregoing amendments and new claims.

1. **(Amended)** An electrical adapter configured to be used in testing electrical devices, the electrical adapter comprising:

a board having first and second opposing planar surfaces;

a male electrical socket coupled to the first planar surface of the board, the male electrical socket ~~adapted for temporary connection to a female electrical interface of~~ comprising a plurality of blades and being configured to interface with a corresponding electrical connector of a first electrical device; and

a female electrical socket coupled to the second planar surface of the board, the female electrical socket ~~adapted for temporary connection to a male electrical interface of~~ comprising a plurality of pairs of leaf pins and being configured to interface with a corresponding electrical connector of a second electrical device,

the board including electrical connectors electrically coupling the male and female electrical sockets to each other, ~~wherein one of the first electrical device and the second electrical device is a tester.~~

2. **(Cancelled)**

3. (Amended) The electrical adapter of claim [[2]] 1, ~~wherein the~~ further comprising a spacer comprises;

~~a flat member having said thickness; and~~

~~that defines an aperture formed in the flat member~~ having a size substantially corresponding to a size of at least one of the male and female electrical sockets.

4. - 5. (Cancelled)

6. (Amended) The electrical adapter of claim 1, wherein the male electrical socket is [[keyed]] configured to prevent [[accidental]] insertion of a male electrical interface into the male electrical socket.

7. (Amended) The electrical adapter of claim 1, wherein the [[male]] female electrical socket is [[keyed]] configured to prevent [[accidental]] insertion of a female electrical interface into the female electrical socket.

8. (Amended) The electrical adapter of claim 1, wherein the male and female electrical sockets are [[keyed]] configured to prevent [[accidental]] insertion of an electrical interface of wrong gender.

9. **(Amended)** The electrical adapter of claim 1, wherein ~~[[pins]]~~ the blades in the male electrical socket are electrically coupled to the electrical connectors in the ~~printed circuit~~ board by a ball grid array.

10. **(Cancelled)**

11. **(Original)** The electrical adapter of claim 1, wherein the board is a printed circuit board.

12. - 33. **(Withdrawn)**

34. **(New)** The electrical adapter of claim 1, wherein the male electrical socket is configured to removably engage the corresponding electrical connector of the first electrical device.

35. **(New)** The electrical adapter of claim 1, wherein the female electrical socket is configured to removably engage the corresponding electrical connector of the second electrical device.

36. **(New)** The electrical adapter of claim 1, wherein each blade of the male electrical socket is configured to removably engage a pair of leaf pins.

37. (New) The electrical adapter of claim 1, wherein each pair of leaf pins of the female electrical socket is configured to removably engage a blade.

38. (New) The electrical adapter of claim 1, wherein at least one of the electrical adapter male and female sockets is configured to interface with an electrical device that comprises an Integrated DWDM Transponder for OC-192/STM-64.

39. (New) An electrical adapter suitable for use in testing electrical devices, the electrical adapter comprising:

- a board having first and second opposing surfaces;

- a male electrical connector attached to the first surface of the board, the male electrical connector being configured to interface with a corresponding electrical connector of a first electrical device; and

- a female electrical connector attached to the second surface of the board and arranged for electrical communication with the male electrical connector, the female electrical connector being configured to interface with a device having a connector with substantially the same configuration as the male electrical connector.